

**BAAQMD Title V Permit  
6 Month Monitoring Report**

*From 7/1/2016 to 12/31/2016*

<b>A0010</b>	<b>Chevron Richmond Refinery</b>
<b>Facility Address:</b> 841 Chevron Way City: Richmond State: CA Zip Code: 94801	<b>Mailing Address:</b> PO Box 1272 City: Richmond State: CA Zip Code: 94802-0272
<b>Contact:</b> Cameron Toy <b>Title:</b> Compliance Technician <b>Phone:</b> (510) 242-4449	

*Inoperable monitors as defined by BAAQMD Regulations 1-322 and 1-323 for the reporting period are summarized below:*

Start	Stop	Emission Source (S#)	Abatement Device (A#)	Emission Point (P#)	Fuel	CEM	GLM	Gas	Parameter	NOx	SO2	CO	H2S	TRB	NH3	O2	CO2	H2O	LTA	Orifice/Lead	Steam Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC	Gauge Press.
7/1/2016 4:11 PM	7/5/2016 3:01 PM	S6015																									
<b>Discovered On:</b> 7/5/2016																											
Event Description: The D&R Flare video camera became obstructed on 7/1/16 at 1611 hours. The camera lens was cleaned and put back in service on 7/5/16 at 1501 hours. Video monitor is part of the flare monitoring system.																											
7/13/2016 9:30 AM	7/20/2016 10:15 AM	S6015																									
<b>Discovered On:</b> 7/13/2016																											
Event Description: Update: Resumption of Monitoring. The D&R Flare Sampling Station has been repaired and returned to service on 7/20/16 at 1015 hours.																											
The D&R Flare Sampling Station became inoperative on 7/13/16 at approximately 9:30 hours. The Sampling Station is part of S-6015 Flare Monitoring System.																											
8/22/2016 9:00 AM	10/27/2016 10:15 AM	S6051																									
<b>Discovered On:</b> 8/22/2016																											
Event Description: BAAQMD #07A08. Repairs complete on the Alky CWT flowmeter. Resumption of monitoring began on 10/27/2016 at 10:15 AM.																											
Alky cooling water tower flow meter (12FT1400 E-1260 Cooling Water to Alky Plant) went inoperative on 8/22/2016 at 0900 hours. Incident is ongoing. Notification for resumption of monitoring will be submitted once repairs are complete.																											
8/30/2016 9:09 AM	8/31/2016 10:04 AM	S6039																									
<b>Discovered On:</b> 8/30/2016																											
Event Description: The RLOP Flare video recording equipment, as part of the flare monitoring system, became inoperative on 8/30/16 at approximately 0909 hours. The video recording equipment was repaired and put back into service on 8/31/16 at approximately 1004 hours.																											
9/1/2016 10:03 AM	9/2/2016 10:21 AM	S6016																									
<b>Discovered On:</b> 9/2/2016																											
Event Description: The FCC Flare vent gas pressure meter became inoperative on 9/1/16 at approximately 1003 hours. The meter was repaired and put back in service on 9/2/16 at approximately 1021 hours.																											



Start	Stopped	Source (SD)	Abatement Device (AD)	Emission Point (EP)	Fuel	CEM	GLM	Gas	Parameter	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	TLA	Lead	Steam Flow	Wind Dir	Speed	Rel	Temp	VOC	Press	
12/11/2016 1:05 PM	12/16/2016 12:17 AM	S4061																										
Discovered On: 12/20/2016																												
Event Description: The F-410 fuel gas flow meter was inoperative from 12/11/16 at 1305 hours to 12/16/16 at 0017 hours.																												
12/11/2016 1:10 PM	12/16/2016 12:14 AM	S4062																										
Discovered On: 12/20/2016																												
Event Description: The F-447 fuel gas flow meter was inoperative from 12/11/16 at 1310 hours to 12/16/16 at 0014 hours.																												
12/12/2016 1:45 PM	1/9/2017 2:46 PM	S4060																										
Discovered On: 12/20/2016																												
Event Description: Revised: F-210 fuel gas flow meter was recently discovered to have a different period of inoperation than previously reported. The clear time has been changed to January 9, 2017 at 1446 hours.																												
The F-210 fuel gas flow meter was inoperative from 12/12/16 at 1345 hours to 12/20/16 at 0945 hours.																												
12/12/2016 1:50 PM	1/11/2017 1:34 PM	S4059																										
Discovered On: 12/20/2016																												
Event Description: The F-247 fuel gas flow meter was inoperative from 12/12/16 at 1350 hours to 12/20/16 at 09:45 hours.																												
Revised: F-247 fuel gas flow meter was recently discovered to have a different period of inoperation than previously reported. The clear time has been changed to January 11, 2017 at 13:34 hours.																												
12/19/2016 1:18 PM	12/20/2016 3:32 PM	S4070																										
Discovered On: 12/20/2016																												
Event Description: The F-1100A Nox analyzer became inoperative on 12/19/16 at 1318 hours. The Nox analyzer was repaired and returned to service on 12/20/16 at 1532 hours.																												
12/28/2016 10:00 AM	1/3/2017 11:47 AM	S4070																										
Discovered On: 12/29/2016																												
Event Description: UPD/ATE: Resumption of Monitoring. The F-1100A Nox analyzer was repaired and put back into service on 01/03/17 at 1147 hours. Reference RCA# 07B56.																												
The F-1100A Nox analyzer became inoperative on 12/28/16 at 1000 hours. Repairs ongoing.																												
12/29/2016 8:16 AM	12/31/2016 8:04 AM	S4071																										
Discovered On: 12/30/2016																												
Event Description: UPD/ATE: Resumption of monitoring. The F-1100B Nox analyzer was repaired and returned to service on 12/31/16 at 0804 hours. Reference RCA# 07B57.																												
The F-1100B Nox analyzer became inoperative on 12/29/2016 at 0816 hours. Repairs ongoing.																												

# **Certification Statement**

I certify, under penalty of law that based on the information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.

Signature of Responsible Official Kory Judd Print Name General Manager Richmond Refinery Date 25 Jan 2017

